

Madhu Mohan

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OBJECTIVE

Seeking an opportunity to work in an organization which can use my skills and knowledge, and give an opportunity to grow.

ACADEMIC DETAILS

Bachelor of Engineering – Mechanical Engineering	June 2013
Sri Sairam College of Engineering, Bangaluru	70.95 %
Affiliated to Visvesvaraya Technological University, Belgaum	
Higher Secondary Certificate – Physics, Chemistry & Mathematics	May 2009
Parimalam Matriculation Higher Secondary School, Hosur	79.08 %
Tamil Nadu Board of Higher Secondary Education, Chennai	
Secondary School Leaving Certificate	May 2007
Parimalam Matriculation Higher Secondary School, Hosur	80.45 %
Tamil Nadu Board of Higher Secondary Education, Chennai	

ACHIEVEMENTS

- Secured **FIRST CLASS WITH DISTINCTION** Degree in BE. Mechanical Engineering
- Secured 6th rank in the college. (VII semester main examinations)
- Final Year Project got approved & funded by Karnataka State Council for Science & Technology (KSCST)
- Appeared for the Master Level SCAT talent examinations and secured **DISTINCTION** class
- Hosted Save Energy Cultural Theme in Gopalan Innovation Mall on 8th June 2013
- Secured Runner up for Cricket & Kho-Kho sports during Higher Secondary
- Received appreciation from Rashtrottana blood bank for donating blood

ADDITIONAL COURSES

- Diploma in Computers and Office Management – **First Class**
- Management in computer system – **First Class**

DESIGN SOFTWARE

- DRAFTSIGHT and SOLIDEDGE (3D & 2D Modeling Software).
- FEM PRO (Analysis Software).
- CNC Programming using Mastercam

PROFESSIONAL AFFILIATIONS

- Member of the Indian Society of Mechanical Engineers (ISME)
- Member of Society of Automotive Engineers India (SAEINDIA)
- Committee Member in National Level Tech Symposium – MECH TECH

ORGANIZATIONAL EXPERIENCE

M M Forgings Limited - Corporate Office, Chennai
Engineer | Operations

(Jan 2015 – Till date)

Job Profile:

- Professional with over **4 years** of combined experience in **Manufacturing Operations & Maintenance**
- Proficient in **conducting root cause analysis** and rendering effective solutions in line with market and technology trends
- Resourceful at **organizing, interpreting and communicating market information/data** to facilitate the **decision making process** of the top management of the organization
- Experienced in providing **actionable insights from specific research**, synthesis of consumer insights with internal sales data, syndicated studies and competitive intelligence
- Expertise in **organizing day-to-day research activities** and resolving **procedural problems** as appropriate to the **timely completion of research** objectives
- Proficient in managing a wide array of functions including **planning Research and Production Program, Research Data Management** and so on
- Enterprising professional with a **documented record of collaborating with teams** spread over multiple locations and working in sync with set parameters to achieve business goals
- Managed the supply chain for the printing press, production and end user requirements & demands
- Ensured goods were delivered as promised that met quality standards; stocked inventory of machines, spare parts, equipment and materials
- Rebuilt the relationship between procurement and production team and increased efficiency by planning and expediting purchase order delivery

TVS – Sundaram Fastners Limited, Hosur

(Sep 2013 – Dec 2014)

Graduate Engineer Apprentice | Work Engineering Department-CE

Key Result Areas:

- Taking responsible for maintenance activities, and doing improvement activities.
- Taking initiative for solving the customer complaints from maintenance view.
- Assessing & localizing the mechanical spares.
- Implementing new ideas and concepts for prevent the breakdowns.
- Handling Breakdown maintenance in various Forging & Mechanical Machineries
- Giving the priority to personnel safety and machine safety for reducing unnecessary plant down time while during the plant operations
- Optimum usage of fuel, water and other resources and trying to improve the overall efficiency of the plant
- Responsible for the maintenance activities like preventive, predictive, breakdown, and routine maintenance
- Experience of designing cost-effective and practical mechanical equipment modifications to improve safety and reliability
- Responsible for day to day execution of maintenance and to provide effective supervision
- Ensuring quality control and quality assurance documentation preparation and submittal activities for audit

Maintenance Programs:

- Maintenance special training: TPM (Total Productive maintenance), Kaizen (Continuous improvement), performance and efficiency engineering, and troubleshooting techniques
- Systems: Hands on experience in TS 16949, 5S & ISO 14000 & 18001 (OSHAS) and its documents.

CORE COMPETENCIES

- Competitive Analysis
- Team Building & Leadership
- Business Intelligence
- Supply Chain Management
- Operations Research

CAPABILITIES

- Problem solving abilities
- Ability to explore new applications and concepts
- Good Communication & Presentation skills
- Ability to deal with people diplomatically and to work
- Ability to work in and manage the critical situations

FINAL YEAR PROJECT

Adifico Aqua for Generation of Power

Our main objective is to generate power using drainage water which flows through huge channels in the outskirts of city having a great turbulence or velocity. Hence we intend to create a simple yet effectual turbine to generate power using drainage water.

TECHNICAL SEMINAR

- Electro-Hydraulic Braking System
- Welding Under Water

HOBBIES

- Playing Cricket, Video games and Surfing
- Travelling

PERSONAL DETAILS

Father : Late.Aswath Narayana Reddy
Date of Birth : 11th August 1991
Language : English,Tamil,Telugu,Hindi and Kannada
Marital Status : Married

DECLARATION

I hereby declare that the above information is true and correct to the best of my knowledge.

Madhu Mohan